

From wang!elf.wang.com!ucsd.edu!info-hams-relay Sun Apr 14 10:50:53 1991 remote
from tosspot
Received: by tosspot (1.64/waf)
via UUCP; Sun, 14 Apr 91 19:14:30 EST
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id aa03214; Sun, 14 Apr 91 10:50:52 GMT
Received: from ucsd.edu by relay1.UU.NET with SMTP
(5.61/UUNET-shadow-mx) id AA21252; Sun, 14 Apr 91 01:46:34 -0400
Received: by ucsd.edu; id AA12245
sendmail 5.64/UCSD-2.1-sun
Sat, 13 Apr 91 21:16:38 -0700 for nixbur!schroeder.pad
Received: by ucsd.edu; id AA12228
sendmail 5.64/UCSD-2.1-sun
Sat, 13 Apr 91 21:16:31 -0700 for /usr/lib/sendmail -oc -odb -oQ/var/spool/
lqueue -oi -finfo-hams-relay info-hams-list
Message-Id: <9104140416.AA12228@ucsd.edu>
Date: Sat, 13 Apr 91 21:16:30 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams-relay@ucsd.edu>
Reply-To: Info-Hams@ucsd.edu
Subject: Info-Hams Digest V91 #295
To: Info-Hams@ucsd.edu

Info-Hams Digest Sat, 13 Apr 91 Volume 91 : Issue 295

Today's Topics:

AMSAT ORBITAL ELEMENTS
Antenna Matching Gedanken Experiment
Dayton frequencies
Driving to Dayton
Hams from other countries
IRV HOFF DEAD
posting
Refurbishing a BC779 front panel
RTTY DX Notes 4/12/91
Ten meters
WEFAX APT Frequencies needed!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official

policies or positions of any party. Your mileage may vary. So there.

Date: 14 Apr 91 03:10:57 GMT
From: tut.cis.ohio-state.edu!n8emr!gws@ucbvax.berkeley.edu
Subject: AMSAT ORBITAL ELEMENTS
To: info-hams@ucsd.edu

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=====
|           Relayed from AMSAT BBS NETWORK           |
|           N8EMR's Ham BBS, 614-895-2553           |
=====
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SB KEPS @ AMSAT \$ORBS- 103.N
2-Line Orbital Elements 103.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT
FROM N3FKV HEWITT, TX April 13, 1991

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:
1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCCC 00000-0 00000-0 0 DDDZ
2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

AO-10
1 14129U 83 58 B 91097.32732770 .00000024 00000-0 99999-4 0 6462
2 14129 25.8493 151.9623 6008503 231.4593 58.2833 2.05882614 30790
UO-11
1 14781U 84 21 B 91100.55782054 .00003994 00000-0 72541-3 0 9585
2 14781 97.9062 147.8519 0013177 26.3107 333.8550 14.66666030379531
NOAA-9
1 15427U 84123 A 91102.28360107 .00000955 00000-0 53396-3 0 7252
2 15427 99.1729 114.2159 0014121 248.7678 111.1989 14.12944064326211
MIR
1 16609U 86017 A 91102.48688569 .00068943 00000-0 66604-3 0 03675
2 16609 051.6003 260.5991 0008063 166.2503 193.9391 15.65721029294874
NOAA-10
1 16969U 86 73 A 91097.93691543 .00001129 00000-0 50757-3 0 5672
2 16969 98.5720 123.9135 0014050 129.2742 230.9686 14.24039231236559
RS-10/11
1 18129U 87 54 A 91101.77718635 .00000548 00000-0 59013-3 0 5805
2 18129 82.9217 107.9361 0012309 18.7583 341.3991 13.72171787190482
MET-2/17
1 18820U 88 5 A 91101.97922738 .00000181 00000-0 15094-3 0 4705
2 18820 82.5410 112.9383 0015594 200.6880 159.3653 13.84468190161527

AO-13

1 19216U 88 51 B 91078.38609337 .000000215 000000-0 44351-3 0 2424
 2 19216 56.8112 104.6916 7140389 249.8316 25.0884 2.09695125 21140

MET-3/2

1 19336U 88 64 A 91098.88766015 .000000048 000000-0 10600-3 0 7187
 2 19336 82.5420 68.2237 0016200 297.4131 62.5317 13.16916870129872

NOAA-11

1 19531U 88 89 A 91099.26633402 .000001228 000000-0 69016-3 0 4775
 2 19531 99.0242 53.5690 0012222 164.8291 195.3252 14.12059942130744

MET-2/18

1 19851U 89 18 A 91101.08966956 .000000466 000000-0 40853-3 0 4232
 2 19851 82.5245 351.0991 0012668 250.6466 109.3304 13.84114412106772

MET-3/3

1 20305U 89 86 A 91097.77461293 .000000043 000000-0 99999-4 0 3312
 2 20305 82.5534 10.2239 0016199 317.8402 42.1537 13.15945690 69692

UO-14

1 20437U 90 5 B 91102.19987967 .000001197 000000-0 48882-3 0 3275
 2 20437 98.6689 182.0325 0011166 5.6581 354.4337 14.29044588 63569

AO-16

1 20439U 90 5 D 91102.23899255 .000001191 000000-0 48525-3 0 2192
 2 20439 98.6743 182.3695 0011900 8.1550 351.9729 14.29135378 63571

DO-17

1 20440U 90 5 E 91102.22307942 .000001295 000000-0 52544-3 0 2180
 2 20440 98.6742 182.3927 0011905 9.4054 350.7186 14.29212936 63578

WO-18

1 20441U 90 5 F 91098.62500630 .000001030 000000-0 42067-3 0 2173
 2 20441 98.6723 178.8625 0012888 16.0879 344.0710 14.29256413 63064

LO-19

1 20442U 90 5 G 91098.67315919 .000000948 000000-0 38790-3 0 2190
 2 20442 98.6722 178.9615 0012935 16.0300 344.1292 14.29331789 63073

FO-20

1 20480U 90 13 B 91093.91871044 .000000043 000000-0 14529-3 0 1907
 2 20480 99.0237 90.1908 0541434 109.7385 256.2927 12.83174670 54031

HUBBLE

1 20580U 91096.43773098 .000007170 000000-0 76506-3 0 4044
 2 20580 28.4694 180.9716 0005316 285.1837 74.8140 14.87108812 51629

MET-2/19

1 20670U 90 57 A 91097.99738135 .000000296 000000-0 25671-3 0 1675
 2 20670 82.5445 54.6394 0015199 175.3570 184.7737 13.83937039 39295

FY-1/2

1 20788U 90 81 A 91096.95367471 .000000451 000000-0 32324-3 0 1292
 2 20788 98.9462 131.9327 0015324 18.7930 341.3802 14.01105772 30231

MET-2/20

1 20826U 90 86 A 91098.05674273 .000000560 000000-0 49983-3 0 1238
 2 20826 82.5323 353.6736 0014884 73.0832 287.1957 13.83324362 26512

AO-21

1 21087U 91 6 A 91097.92087855 .000000279 000000-0 28284-3 0 293
 2 21087 82.9416 285.7220 0036823 93.3127 267.2243 13.74365046 9377

RS-12/13

1 21089U 91 7 A 91097.63499873 .000000284 000000-0 29183-3 0 319

2 21089 82.9281 156.4059 0030239 112.8985 247.5358 13.73884127 8458

/EX

SB KEPS @ AMSAT \$ORBS- 103.0

Orbital Elements 103.0SCAR

HR AMSAT ORBITAL ELEMENTS FOR OSCAR SATELLITES

FROM N3FKV HEWITT, TX April 13, 1991

TO ALL RADIO AMATEURS BT

Satellite: A0-10

Catalog number: 14129

Epoch time: 91097.32732770

Element set: 646

Inclination: 25.8493 deg

RA of node: 151.9623 deg

Eccentricity: 0.6008503

Arg of perigee: 231.4593 deg

Mean anomaly: 58.2833 deg

Mean motion: 2.05882614 rev/day

Decay rate: 2.4e-07 rev/day^2

Epoch rev: 3079

Satellite: U0-11

Catalog number: 14781

Epoch time: 91100.55782054

Element set: 958

Inclination: 97.9062 deg

RA of node: 147.8519 deg

Eccentricity: 0.0013177

Arg of perigee: 26.3107 deg

Mean anomaly: 333.8550 deg

Mean motion: 14.66666030 rev/day

Decay rate: 3.994e-05 rev/day^2

Epoch rev: 37953

Satellite: RS-10/11

Catalog number: 18129

Epoch time: 91101.77718635

Element set: 580

Inclination: 82.9217 deg

RA of node: 107.9361 deg

Eccentricity: 0.0012309

Arg of perigee: 18.7583 deg

Mean anomaly: 341.3991 deg

Mean motion: 13.72171787 rev/day

Decay rate: 5.48e-06 rev/day^2

Epoch rev: 19048

Satellite: A0-13

Catalog number: 19216

Epoch time: 91078.38609337

Element set: 242

Inclination: 56.8112 deg

RA of node: 104.6916 deg

Eccentricity: 0.7140389

Arg of perigee: 249.8316 deg

Mean anomaly: 25.0884 deg

Mean motion: 2.09695125 rev/day

Decay rate: 2.15e-06 rev/day²

Epoch rev: 2114

Satellite: F0-20

Catalog number: 20480

Epoch time: 91093.91871044

Element set: 190

Inclination: 99.0237 deg

RA of node: 90.1908 deg

Eccentricity: 0.0541434

Arg of perigee: 109.7385 deg

Mean anomaly: 256.2927 deg

Mean motion: 12.83174670 rev/day

Decay rate: 4.3e-07 rev/day²

Epoch rev: 5403

Satellite: A0-21

Catalog number: 21087

Epoch time: 91097.92087855

Element set: 29

Inclination: 82.9416 deg

RA of node: 285.7220 deg

Eccentricity: 0.0036823

Arg of perigee: 93.3127 deg

Mean anomaly: 267.2243 deg

Mean motion: 13.74365046 rev/day

Decay rate: 2.79e-06 rev/day²

Epoch rev: 937

Satellite: RS-12/13

Catalog number: 21089

Epoch time: 91097.63499873

Element set: 31

Inclination: 82.9281 deg

RA of node: 156.4059 deg

Eccentricity: 0.0030239

Arg of perigee: 112.8985 deg
Mean anomaly: 247.5358 deg
Mean motion: 13.73884127 rev/day
Decay rate: 2.84e-06 rev/day^2
Epoch rev: 845

/EX

SB KEPS @ AMSAT \$ORBS- 103.D
Orbital Elements 103.MICROS

HR AMSAT ORBITAL ELEMENTS FOR THE MICROSATS
FROM N3FKV HEWITT, TX April 13, 1991
TO ALL RADIO AMATEURS BT

Satellite: UO-14
Catalog number: 20437
Epoch time: 91102.19987967
Element set: 327
Inclination: 98.6689 deg
RA of node: 182.0325 deg
Eccentricity: 0.0011166
Arg of perigee: 5.6581 deg
Mean anomaly: 354.4337 deg
Mean motion: 14.29044588 rev/day
Decay rate: 1.197e-05 rev/day^2
Epoch rev: 6356

Satellite: A0-16
Catalog number: 20439
Epoch time: 91102.23899255
Element set: 219
Inclination: 98.6743 deg
RA of node: 182.3695 deg
Eccentricity: 0.0011900
Arg of perigee: 8.1550 deg
Mean anomaly: 351.9729 deg
Mean motion: 14.29135378 rev/day
Decay rate: 1.191e-05 rev/day^2
Epoch rev: 6357

Satellite: D0-17
Catalog number: 20440
Epoch time: 91102.22307942
Element set: 218
Inclination: 98.6742 deg
RA of node: 182.3927 deg
Eccentricity: 0.0011905
Arg of perigee: 9.4054 deg

Mean anomaly: 350.7186 deg
Mean motion: 14.29212936 rev/day
Decay rate: 1.295e-05 rev/day^2
Epoch rev: 6357

Satellite: W0-18

Catalog number: 20441
Epoch time: 91098.62500630
Element set: 217
Inclination: 98.6723 deg
RA of node: 178.8625 deg
Eccentricity: 0.0012888
Arg of perigee: 16.0879 deg
Mean anomaly: 344.0710 deg
Mean motion: 14.29256413 rev/day
Decay rate: 1.030e-05 rev/day^2
Epoch rev: 6306

Satellite: L0-19

Catalog number: 20442
Epoch time: 91098.67315919
Element set: 219
Inclination: 98.6722 deg
RA of node: 178.9615 deg
Eccentricity: 0.0012935
Arg of perigee: 16.0300 deg
Mean anomaly: 344.1292 deg
Mean motion: 14.29331789 rev/day
Decay rate: 9.48e-06 rev/day^2
Epoch rev: 6307

/EX

SB KEPS @ AMSAT \$ORBS- 103.W
Orbital Elements 103.WEATHER

HR AMSAT ORBITAL ELEMENTS FOR WEATHER SATELLITES
FROM N3FKV HEWITT, TX April 13, 1991
TO ALL RADIO AMATEURS BT

Satellite: NOAA-9

Catalog number: 15427
Epoch time: 91102.28360107
Element set: 725
Inclination: 99.1729 deg
RA of node: 114.2159 deg
Eccentricity: 0.0014121
Arg of perigee: 248.7678 deg
Mean anomaly: 111.1989 deg

Mean motion: 14.12944064 rev/day
Decay rate: 9.55e-06 rev/day^2
Epoch rev: 32621

Satellite: NOAA-10
Catalog number: 16969
Epoch time: 91097.93691543
Element set: 567
Inclination: 98.5720 deg
RA of node: 123.9135 deg
Eccentricity: 0.0014050
Arg of perigee: 129.2742 deg
Mean anomaly: 230.9686 deg
Mean motion: 14.24039231 rev/day
Decay rate: 1.129e-05 rev/day^2
Epoch rev: 23655

Satellite: MET-2/17
Catalog number: 18820
Epoch time: 91101.97922738
Element set: 470
Inclination: 82.5410 deg
RA of node: 112.9383 deg
Eccentricity: 0.0015594
Arg of perigee: 200.6880 deg
Mean anomaly: 159.3653 deg
Mean motion: 13.84468190 rev/day
Decay rate: 1.81e-06 rev/day^2
Epoch rev: 16152

Satellite: MET-3/2
Catalog number: 19336
Epoch time: 91098.88766015
Element set: 718
Inclination: 82.5420 deg
RA of node: 68.2237 deg
Eccentricity: 0.0016200
Arg of perigee: 297.4131 deg
Mean anomaly: 62.5317 deg
Mean motion: 13.16916870 rev/day
Decay rate: 4.8e-07 rev/day^2
Epoch rev: 12987

Satellite: NOAA-11
Catalog number: 19531
Epoch time: 91099.26633402
Element set: 477
Inclination: 99.0242 deg

RA of node: 53.5690 deg
Eccentricity: 0.0012222
Arg of perigee: 164.8291 deg
Mean anomaly: 195.3252 deg
Mean motion: 14.12059942 rev/day
Decay rate: 1.228e-05 rev/day^2
Epoch rev: 13074

Satellite: MET-2/18
Catalog number: 19851
Epoch time: 91101.08966956
Element set: 423
Inclination: 82.5245 deg
RA of node: 351.0991 deg
Eccentricity: 0.0012668
Arg of perigee: 250.6466 deg
Mean anomaly: 109.3304 deg
Mean motion: 13.84114412 rev/day
Decay rate: 4.66e-06 rev/day^2
Epoch rev: 10677

Satellite: MET-3/3
Catalog number: 20305
Epoch time: 91097.77461293
Element set: 331
Inclination: 82.5534 deg
RA of node: 10.2239 deg
Eccentricity: 0.0016199
Arg of perigee: 317.8402 deg
Mean anomaly: 42.1537 deg
Mean motion: 13.15945690 rev/day
Decay rate: 4.3e-07 rev/day^2
Epoch rev: 6969

Satellite: MET-2/19
Catalog number: 20670
Epoch time: 91097.99738135
Element set: 167
Inclination: 82.5445 deg
RA of node: 54.6394 deg
Eccentricity: 0.0015199
Arg of perigee: 175.3570 deg
Mean anomaly: 184.7737 deg
Mean motion: 13.83937039 rev/day
Decay rate: 2.96e-06 rev/day^2
Epoch rev: 3929

Satellite: FY-1/2

Catalog number: 20788
Epoch time: 91096.95367471
Element set: 129
Inclination: 98.9462 deg
RA of node: 131.9327 deg
Eccentricity: 0.0015324
Arg of perigee: 18.7930 deg
Mean anomaly: 341.3802 deg
Mean motion: 14.01105772 rev/day
Decay rate: 4.51e-06 rev/day^2
Epoch rev: 3023

Satellite: MET-2/20
Catalog number: 20826
Epoch time: 91098.05674273
Element set: 123
Inclination: 82.5323 deg
RA of node: 353.6736 deg
Eccentricity: 0.0014884
Arg of perigee: 73.0832 deg
Mean anomaly: 287.1957 deg
Mean motion: 13.83324362 rev/day
Decay rate: 5.60e-06 rev/day^2
Epoch rev: 2651

/EX

SB KEPS @ AMSAT \$ORBS- 103.M
Orbital Elements 103.MISC

HR AMSAT ORBITAL ELEMENTS FOR MANNED AND MISCELLANEOUS SATELLITES
FROM N3FKV HEWITT, TX April 13, 1991
TO ALL RADIO AMATEURS BT

Satellite: MIR
Catalog number: 16609
Epoch time: 91102.48688569
Element set: 0367
Inclination: 051.6003 deg
RA of node: 260.5991 deg
Eccentricity: 0.0008063
Arg of perigee: 166.2503 deg
Mean anomaly: 193.9391 deg
Mean motion: 15.65721029 rev/day
Decay rate: 6.8943e-04 rev/day^2
Epoch rev: 29487

Satellite: HUBBLE
Catalog number: 20580

Epoch time: 91096.43773098
Element set: 404
Inclination: 28.4694 deg
RA of node: 180.9716 deg
Eccentricity: 0.0005316
Arg of perigee: 285.1837 deg
Mean anomaly: 74.8140 deg
Mean motion: 14.87108812 rev/day
Decay rate: 7.170e-05 rev/day^2
Epoch rev: 5162

/EX

--

Gary W. Sanders (gws@n8emr or ...!osu-cis!n8emr!gws), 72277,1325
N8EMR @ W8CQK (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
HAM BBS 614-895-2553
Voice: 614-895-2552 (eves/weekends)

Date: 13 Apr 91 22:11:29 GMT
From: sdd.hp.com!wuarhive!udel!haven!wam.umd.edu!rustyh@ucsd.edu
Subject: Antenna Matching Gedanken Experiment
To: info-hams@ucsd.edu

In article <39910015@hpfcdc.HP.COM> perry@hpfcdc.HP.COM (Perry Scott) writes:

>It seems we have two camps here:

>

>#1 sez that power hits the bad antenna, bounces back, and fries the
>finals.

>

>#2 sez that the power doesn't go to the antenna, stays in the
>transmitter, and fries the finals.

>

No the power stays in the electricity grid! (and BTW a bad SWR will
not cause another T.M.I. type meltdown)

Let me re-state my previously stated argument. An antenna mis-match
will be transformed by the transmission line (going around Mr Smith's
chart (or using the telegrapher's equation)) and the transmitter's
matching network, to an impedance at the collector of the output
transistor of a value other than what the amplifier was designed
to see. We dont have to even worry about incident and reflected
signals now, we simply have an amplifier driving
an impedance. Now the transformed impedance may look like:

: A short circuit, in which case it is obvious that the

IR losses will destroy the active device.

: An open circuit and nothing will happen

: A whole range of impedances with low reactive impedances
which will cause large IR losses and damage

: A whole range of impedances with high impedances that will
do no damage.

We do NOT always "fry" our finals with a bad match, it all depends
on how that bad match eventually looks to the amplifier. There is no
magic 100 watts bottled up in your amplifier that just has to go
somewhere! Why doesn't your audio amp blow up when you take the
speaker off? If you replace the speaker with a short circuit or
a small value inductor you might do some damage though.
The reflected wave just modifies the impedance seen by the amplifier,
it is NOT power that gets dissipated back in the amplifier!

>

>I can't figure out the difference. Either way, you replace the finals.
>:-)

>

I hope this clears it up a bit.

>In case anyone is counting votes, I support the theory #2. A (good)
>feedline doesn't consume power, neither does a bad antenna. The power

And neither does an amplifier that has a high impedance load (and
thus low IR losses)

>has nowhere to go, and stays bottled up in the finals. Well-designed
>finals sense the heat rise and turn down the DC input power, reducing
>the need to dig out the soldering iron.

>

The power was never taken from "Baltimore Gas and Electric" in the
first place!!

--

Michael Katzmann (VK2BEA/G4NYV/NV3Z) Please email to this address |
Broadcast Sports Technology |
2135 Espey Ct. #4 \\\|
Crofton MD 21114-2442 (301) 721-5151 ...uunet!ope1!vk2bea!michael

Date: 13 Apr 91 17:37:26 GMT

From: agate!usenet.ins.cwru.edu!ncoast!allbery@uchvax.berkeley.edu

Subject: Dayton frequencies
To: info-hams@ucsd.edu

As quoted from <40873@netnews.upenn.edu> by depolo@eniac.seas.upenn.edu (Jeff DePolo):

+-----

| Last year those of you that were going to Dayton had picked a few
| simplex frequencies - how did it work out? Having never been there,
| I can only imagine the chaos on VHF and UHF FM in the area, but
| if anybody wants to pick frequencies (I guess 220 and 440 would be
| best), I'd be interested in meeting some of the Usenet personalities
| (not all, mind you, but maybe some :-)

+-----

Well, I have 223.52 programmed into my 220 HT because we have a small local group on that frequency....

Anyone have a frequency on 1.2? :-)

++Brandon

--

Me: Brandon S. Allbery Ham: KB8JRR/AA on 2m, 220, 440, 1200
Internet: allbery@NCoast.ORG (QRT on HF until local problems fixed)
America OnLine: KB8JRR // Delphi: ALLBERY AMPR: kb8jrr.AmPR.ORG [44.70.4.88]
uunet!usenet.ins.cwru.edu!ncoast!allbery KB8JRR @ WA8BXN.OH

Date: 13 Apr 91 22:50:37 GMT
From: usc!sdd.hp.com!hp-coll!winfree!bdale@ucsd.edu
Subject: Driving to Dayton
To: info-hams@ucsd.edu

Turns out I'm going to be driving to Dayton again this year, and at least part of the trip I'll be driving alone. I'd like to solicit suggestions for 2m and 70cm FM repeater freqs along the way, so that I can soak up a dose of real humanity in between CD's... :-)

The route will be Colorado Springs to Aurora, IL, on the 19th and 20th of April, then Aurora to Dayton on Wednesday the 24th, and then Dayton to Colorado Springs on the 28th and 29th.

I have a few repeater freqs scribbled in the margins of last year's AAA TripTik, particularly for central/eastern Kansas, but I've never driven I-80 before.

Suggestions?

If others want to jump in with queries about other routes, feel free! And if you're going to be at Dayton, wander by the Grace Communications booths at #570-571 and say hi!

Bdale, N3EUA

Date: 13 Apr 91 22:12:41 GMT
From: sdcc6!gchandra@ucsd.edu
Subject: Hams from other countries
To: info-hams@ucsd.edu

Hi

I have a license from India. Could someone please let me know what do I have to do to start operating from here. I vaguely remember someone having told me that there is a reciprocal arrangement between the USA and India wherein operators from one country could operate in the other with the license obtained from the parent country. I doubt the validity of this but would like to know the rules.

Thanks in advance
Girish

Date: 14 Apr 91 00:55:32 GMT
From: ogicse!qiclab!omen!caf@ucsd.edu
Subject: IRV HOFF DEAD
To: info-hams@ucsd.edu

Sad to read that W6FFC is now a Silent Key.

I knew Irv from the late 70's, when he pioneered integration of PCs (Heathkit H-89, etc.) with Ham RTTY. One of his inventions as I recall was an extended RTTY code, with LTRS=NULL shifting to lower case.

Irv was a leader in the RCPM movement that paved the way for today's BBS community. He developed IMP (Irv's Modem Program) which was for many years the culmination of assembly language comms programs for CP/M. Irv worked tirelessly to help users bring up comms programs on their CP/M machines, no two of which supported the same comms API.

I still remember Irv sending HEX program dumps over 20 Meter RTTY to fellow hams back in the 70's. 73...

Chuck Forsberg WA7KGX ...!tektronix!reed!omen!caf
Author of YMODEM, ZMODEM, Professional-YAM, ZCOMM, and DSZ
Omen Technology Inc "The High Reliability Software"
17505-V NW Sauvie IS RD Portland OR 97231 503-621-3406
TeleGodzilla:621-3746 FAX:621-3735 CIS:70007,2304 Genie:CAF

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"Many such [diet] programs proffer treatment as though it were established as effective and safe. Nothing in the results published by research programs authorizes anyone to make such claims."

 -William Bennett, Harvard Medical School Health Letter

Date: 14 Apr 91 03:07:26 GMT
From: tut.cis.ohio-state.edu!n8emr!gws@RUTGERS.EDU
Subject: posting
To: info-hams@ucsd.edu

Question for those who read my posting...

I have been posting many bulletins from n8emr for a number of years. I have been slowly automating the posting process, Right now I have some of the posting automated.. ARRL bulletins come directly from packet, packet headers are removed and then they are posted to the rec.radio.amateur.misc. I have also been posting the vk2sg rtty bulletin and the amsat news bulletins.. Several of these bulletins tend to be large..

What I would like to know is, Do you want these large bulletins posted as one long file or broken up into smaller files as you would see on packet.. E.G. vk2sg rtty bulletin is actually 3 or 4 parts, the amsat bulletins are 5-10 parts.

I have also had a request for some sort of header in the subject line that people can KEY on for either automatic killing of the bulletins or archiving purposes. anyone else interested in this?

Please drop me email if you have any comments...

Gary W. Sanders (gws@n8emr or ...!osu-cis!n8emr!gws), 72277,1325
N8EMR @ W8CQK (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
HAM BBS 614-895-2553
Voice: 614-895-2552 (eves/weekends)

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Gary W. Sanders (gws@n8emr or ...!osu-cis!n8emr!gws), 72277,1325
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Date: 13 Apr 91 21:08:11 GMT
From: stanford.edu!leland.Stanford.EDU!stankus@decwrl.dec.com
Subject: Refurbishing a BC779 front panel
To: info-hams@ucsd.edu

In article <16999.28044d9f@ul.ie> tocherd@ul.ie writes:

>Hi,
>
>I'm trying to repaint the front panel of B779 WWII receiver. The markings are
>stamped into the steel. How do I repaint the marking in white? I've tried
>respraying but the indentations get filled too much. When I cut them deeper
>the edges became too rough. E-Mail me and I'll post any useful answers if I
>get enough responses.
>
>David Tocher EI2AMB
>Dept of Maths
>University of Limerick
>Ireland

The way my dad used to neaten things up when he had a commercial 2-way
business, was to take some white crayon rub it over the stamped
indentations and wipe off the excess. The stuff in the grooves would
not be wiped off. This, with a little care also works using paint to fill
in the grooves.

Hope this helps

John J. Stankus N5PEE Chemistry Department
stankus@leland.stanford.edu Stanford University

Date: 14 Apr 91 03:09:10 GMT
From: tut.cis.ohio-state.edu!n8emr!gws@ucbvax.berkeley.edu
Subject: RTTY DX Notes 4/12/91
To: info-hams@ucsd.edu

=====
| Relayed from packet radio via |
| N8EMR's Ham BBS, 614-895-2553 |
=====

SB RTTYDX @ ALLBBS \$KT7H102
RTTY DX Notes 1of3 4/12/91

RTTY DX Notes for week ending 12th April 1991

BID: \$KT7H102

Part 1 of 3.

Next weekend will be the SARTG Worldwide AMTOR Contest, 0000-0800Z 20th April, 1600-2400Z 20th April, and 0800-1600Z 21st April. Call using FEC and contact using ARQ to pass RST, QSO number, name and QTH. All bands 3.5, 7, 14, 21 and 28 MHz. All contacts must be made in ARQ (Mode A), otherwise QSO will be disqualified. Now that should get some of the chaps thinking, and practicing changing from FEC to ARQ in a hurry. It will also tell a lot of people about long and short path operations. The Europeans are going to have a lot of confusion when working into VK to determine which path to use, and i guess the same would apply to the W stations and Africa. But it should be a lot of fun. I will be in the third dogpile from the left.

Our thanks this week go to DJ3IW and the Saar-Pfalz DX Club Packet Cluster, I5FLN, JG1RVN, LZ1BE, NT3B, SM4CMG, SM5EIT, TG9VT, W2JGR and the Tri-State Packetcluster Network. Thank you all for your notes and assistance. Have fun in the contest next week.

Bandpass:

Friday 5:

7X2DS	14086	at	0123Z	
4L0DXC	14085	at	0632Z	QSL
BV7WB	14086	at	1415Z	
UL7BJ	14084	at	1600Z	
RH8AX	14088	at	2110Z	
EX1FJ	14070	at	2304Z	ARQ
RC2AZ	14089	at	2333Z	QSL

Saturday 6:

UL7MU	14083	at	0312Z	
4L0DXC	14089	at	0640Z	
9Y4VU	21087	at	1819Z	
S79PDL	14088	at	1915+	
6W6JX	14089	at	2045?+	
7X2DS	21087	at	2152Z	

Continued in part 2 of 3.

/EX

SB RTTYDX @ ALLBBS \$KT7H103

RTTY DX Notes 2of3 4/12/91

RTTY DX Notes for week ending 12th April 1991
 BID: \$KT7H103
 Part 2 of 3.

Sunday 7:

9X5LJ	14071	at	0120Z	ARQ
7X2DS	14088	at	0156Z	
YN1CB	14084	at	0322Z	QSL
UQ2GC	14085	at	0543Z	QSL
UY9YB	21091	at	0623Z	
FW1FM	14090	at	0838Z	
TA2N	14083	at	1021Z	
BY4RSH	21091	at	1026Z	
UC2LEG	21088	at	1102Z	
EX1FJ	21092	at	1113Z	
UV3DR	21088	at	1514Z	
UB5HQ	21097	at	1558Z	
UG6GG	14085	at	1726Z	
PJ2MI	14074	at	1909Z	ARQ
5Z4BI	21089	at	2019Z	

Monday 8:

NP2B	14090	at	0026Z	
J7/WD0ENG	14074	at	0134Z	ARQ
UL7MU	14087	at	0243Z	
RB0HZ	14084	at	0352Z	
9Y4DG	14084	at	0443Z	QSL
3D2RW	21086	at	1001Z	QSL
5W1KM	28092	at	1057Z	QSL
5Z4BI	14084	at	1852Z	
3X1SG	14082	at	2205Z	
V73BH	28082	at	2358Z	

Tuesday 9:

UL7BJ	14086	at	0043Z	
TF3EJ	14085	at	0127Z	
4K6BDU	14084	at	0133Z	
UM8NC	14081	at	0301Z	
RC2AZ	14088	at	0331Z	
UH2E/UA9TZ	14087	at	2048Z	QSL
7X2DS	14085	at	2342Z	

Wednesday 10:

4K20IL	14081	at	0054Z	
UH2E/UA9TZ	14083	at	0246Z	
U040F	14091	at	0406Z	
BZ4RBT	21089	at	0740Z	

TY1PS 21074 at 2114Z
C31IXB 14083 at 2142Z

Thursday 11:

RC2AZ 14085 at 0033Z
9X5LJ 14071V at 0055Z ARQ
UW4HB 14086 at 0247Z
RA2FB 14091 at 0340Z
TU2BB 14078 at 0345Z ARQ
ZK1AP 14080 at 0610Z

Continued in part 3 of 3.

/EX

SB RTTYDX @ ALLBBS \$KT7H104

RTTY DX Notes 3of3 4/12/91

RTTY DX Notes for week ending 12th April 1991

BID: \$KT7H104

Part 3 of 3.

QSL Information:

RC2AZ QSLs via Box 80, Minsk-83, 220083 UFSR.

4L0XDC will QSL via UT5HP at Box 1, Schastie 348903 USSR.

UQ2GC says to QSL to Box 44, Riga 226029, Latvia, USSR.

YN1CB has Box 3733, Managua, Nicaragua as his QSL address.

9Y4GD will QSL via WA2NHA.

5W1KM will QSL via JR30IB.

3D2RW is ZL1AMO when he is at home.

UH2E/UA9TZ says to QSL to Box 13, Gaj, 462130 USSR.

Notes of Interest:

Reports indicate that YI1BGD in Baghdad may be operated by any one of 12 or 20 operators. So far they have indicated to QSL via DF3NZ. But it is advisable to check the QSL path with each operator as you work them.

XU1DK is active on SSB on 21280 KHz between 1100 and 1500Z, but is

happy to change to RTTY when requested.

ZL1AM0 (Ron) should appear from FW0BX this week and should be there for about 2 weeks.

JA1HGY will go to the North Marianas (KH0) from April 26 to 28th. QSL to his home address.

JH4IFF, JA4RED and JH4AKY will operate from St Martin (FS) from April 28th to May 3rd. Callsigns will be FS/JH4IFF etc. They will be on 14, 21 and 28 MHz. QSL to their home calls.

Early May will see Bhutan (A51) and St Peter and St Pauls Rocks (PY0) active.

The logs for the SARTG AMTOR Contest go to Bo Ohlsson, SM4CMG, Skulsta 1258, S-710 41 Fellingsbro, Sweden.

Information received from I5FLN indicates that Tom (OD5NG) is OK, but his rig has gone to the dead transistor home in the sky. Tom is valiantly working on it and hopes to be back making noises very soon.

GL DE DX1.

This bulletin is the packet edition of the RTTY DX Notes written by VK2SG, and is edited and relayed by Tad, KT7H @ N7DUO.WA.USA.NA.
/EX

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Gary W. Sanders (gws@n8emr or ...!osu-cis!n8emr!gws), 72277,1325
N8EMR @ W8CQK (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
HAM BBS 614-895-2553
Voice: 614-895-2552 (eves/weekends)

Date: 12 Apr 91 22:27:55 GMT
From: swrinde!zaphod.mps.ohio-state.edu!uwm.edu!bbn.com!nic!kira!kira!
naik@ucsd.edu
Subject: Ten meters
To: info-hams@ucsd.edu

Hi,
Would anyone like to place a ten dollar bet on when ten metres will go bust for the summer?

-Gary Davis, WQ1F, in the greenest state of them all.

Date: 13 Apr 91 14:46:19 GMT
From: tut.cis.ohio-state.edu!udecc.engr.udayton.edu!blackbird.afil.af.mil!
tkelso@ucbvax.berkeley.edu
Subject: WEFAX APT Frequencies needed!
To: info-hams@ucsd.edu

lee@tosspot (Lee Reynolds) writes:

>Hi.

>I'm looking for the APT frequencies for the following satellites:

>Meteor 2-16

>Meteor 2-17

>Meteor 2-18

>Meteor 2-19

>Meteor 2-20

>Meteor 3-2

>Meteor 3-3

>Fen Yung 2-3

>Any of the Cosmos series

>Anyone have them? I'm planning on using the R-7000 and the M-1000

>decoder to see what I can get. I already have the NOAA 9-11 stuff, but

>I'd like to explore any other of the 137MHz WEFAX birds.

> Thanks in advance for any info, if possible please email me direct.

I'm not too sure about the frequency for Feng Yun 1-2, but the Soviet Meteor
satellites operate on 137.30, 137.40, and 137.85 MHz. It's a bit difficult
to say just which one is operating on which frequency, since the Soviets tend
to change the frequencies from time to time. - TS

--

Dr TS Kelso
tkelso@blackbird.afil.af.mil

Assistant Professor of Space Operations
Air Force Institute of Technology

End of Info-Hams Digest
